

4 February 1964

MEMORANDUM FOR : Deputy for Technology, OSA  
SUBJECT : Hypoxia Warning Device

1. Subject device was investigated by Firewel over two years ago. One item was purchased and installed in my pressure suit helmet for tests performed in the altitude chamber. Readout was obtained from a medical monitoring rack outside the chamber. At the time this device was considered in the category of ground support equipment rather than flight equipment.

2. Since that time the Air Force has been interested and, as a result, the device is now more sophisticated. It is feasible now to tap off the helmet and have the percent of oxygen in the oral nasal area recorded on a panel gauge which could include a warning light.



Capt. USAF  
(Special Activities)

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Distribution:  
1 - D/TECH/OSA  
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